

Energy Entrepreneur

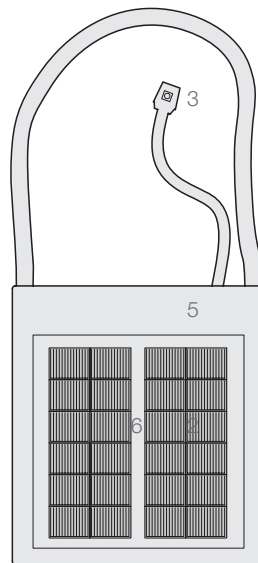
LOCATION
Sierra Madre, Mexico

IMPLEMENTING PARTNERS
Centro Huichol, NGO

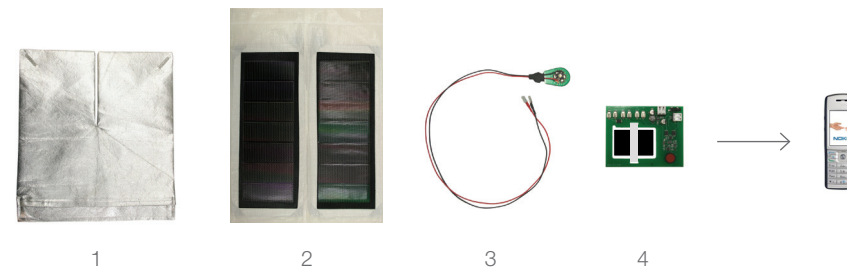
Profile

The indigenous Huichol people live in extreme poverty in the rugged Sierra Madre without access to electric power or light. Centralized electrical distribution in these rugged areas is costly to implement, maintain and often causes irreparable cultural and social damage for indigenous peoples as well as environmental damage to their lands.

The Portable Light team recognized that with the Huichol's strong textile tradition there was a possibility to co-create the solar textiles. Using traditional techniques such as weaving, sewing and braiding, the Huichol women can create their own woven bags to "host" the renewable energy harvesting and lighting technology. Including the Huichol Artisans in the design and creation of their own Portable Light Unit has promoted greater levels of cultural acceptance and stewardship of the technology.



- 1 Soft solar reflector
- 2 4W solar material
- 3 High brightness LED
- 4 Printed circuit board
- 5 Locally fabricated K+Tsuru Bag
- 6 Digital electronics pocket



 **Portable Light**

Solar Textile Tool Kit

Illuminates work surface at night via the Integral High Brightness LED

Charges a cell phone via the Built-In USB Out